



Water heater unit ATEX

Protection mode:

Type of protection: CE Ex II2G or D IIB
Class of temperature: T1-T2-T3
Ambient Temp : -20/+55°C
Zones : 1-2-21-22



Description:

Space heating in explosive atmosphere gas (areas 1 or 2) or dust (areas 21 or 22).

Technical data:

Building:

- Battery in copper tube and aluminum fin (1, 2 or 3 rows)
- Carcass in sheet metal 10/10ème pre lacquered white
- Deflector vane vertical adjustable
- Motor fan series EVXP ATEX
- Voltage Three Phase 230/400V 50Hz

In option:

- Construction with stainless steel sheet metal, screws and battery
- Construction with centrifugal blower
- Double deflection wall mount
- Special Voltage and frequency

Information concerning the choice of the unit heater:

- The power depends on the heat loss and rate of ventilation required
- The air flow rate should provide adequate brewing according to the size of local
- Rate of mixing = Airflow blown (m³/h) / Volume of local (m³)

| <u>Values:</u> | <u>Volume</u> | <u>Rate of mixing</u> |
|----------------|------------------------------|-----------------------|
| | 100to500m ³ | 6to7 |
| | 600to2000m ³ | 5to6 |
| | 2000to6000m ³ | 3to5 |
| | 6000 to 15000 m ³ | 2 to 4 |

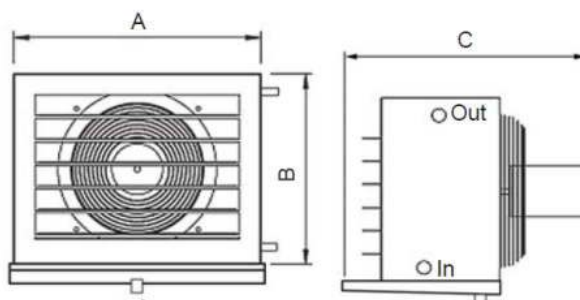
- Blowing temperature : above 10 to 30°C to the temperature of local
- Maximum coverage area of a heater:
 - >Shop, gym, small workshop :200 to 250 m²
 - >Construction workshop, garage, storage : 300 to 450 m²



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Technical drawings:

| MODEL | A | B | C | R |
|-------|------|-----|-----|--------|
| 3000 | 615 | 490 | 280 | 3/4" |
| 4000 | 720 | 570 | 280 | 1" |
| 5000 | 805 | 650 | 300 | 1" |
| 6000 | 915 | 735 | 300 | 1" 1/4 |
| 7000 | 1070 | 860 | 335 | 1" 1/4 |



* Condensat drain 1/2" male

* Condensat tank for cold water version only

Models:

| Type AL EC | Nb rows | Power (kW) * | Air temperature (°C) | Flow (m3/h) | Fan EVXP | KIT / pitch |
|------------|---------|--------------|----------------------|-------------|------------|-------------|
| 3301 | 1 | 11,3 | 23 | 1850 | 355-6-0.12 | 5p / 45° |
| 3302 | 2 | 19,2 | 41 | 1610 | 355-6-0.12 | 5p / 45° |
| 3303 | 3 | 24,7 | 54 | 1450 | 355-6-0.12 | 5p / 45° |
| 3311 | 1 | 13,8 | 22 | 1950 | 400-6-0.12 | 5p / 50° |
| 3312 | 2 | 23,1 | 39 | 1700 | 400-6-0.12 | 5p / 50° |
| 3313 | 3 | 29,7 | 51 | 1560 | 400-6-0.12 | 5p / 50° |
| 3421 | 1 | 17,4 | 18 | 3360 | 400-4-0.25 | 5p / 50° |
| 3422 | 2 | 30,2 | 32 | 2700 | 400-4-0.25 | 5p / 50° |
| 3423 | 3 | 38,9 | 44 | 2290 | 400-4-0.25 | 5p / 50° |
| 4421 | 1 | 21,2 | 18 | 3500 | 450-6-0.12 | 5p / 50° |
| 4422 | 2 | 35,9 | 38 | 3250 | 450-6-0.12 | 5p / 50° |
| 4423 | 3 | 46,5 | 50 | 2730 | 450-6-0.12 | 5p / 50° |
| 4501 | 1 | 25,1 | 18 | 4850 | 450-4-0.37 | 5p / 50° |
| 4502 | 2 | 43,6 | 33 | 4500 | 450-4-0.37 | 5p / 50° |
| 4503 | 3 | 57,5 | 44 | 3650 | 450-4-0.37 | 5p / 50° |
| 5501 | 1 | 29,4 | 20 | 5050 | 500-6-0.37 | 10p / 50° |
| 5502 | 2 | 50,1 | 36 | 4750 | 500-6-0.37 | 10p / 50° |
| 5503 | 3 | 65,1 | 48 | 4400 | 500-6-0.37 | 10p / 50° |
| 5551 | 1 | 35,8 | 16 | 6500 | 500-4-1.1 | 10p / 50° |
| 5552 | 2 | 62,7 | 30 | 6000 | 500-4-1.1 | 10p / 50° |
| 5553 | 3 | 83,4 | 41 | 5100 | 500-4-1.1 | 10p / 50° |
| 6551 | 1 | 40,8 | 19 | 6300 | 560-6-0.55 | 10p / 50° |
| 6552 | 2 | 70,2 | 34 | 6200 | 560-6-0.55 | 10p / 50° |
| 6553 | 3 | 94,7 | 47 | 5700 | 560-6-0.55 | 10p / 50° |
| 6631 | 1 | 48,4 | 16 | 8750 | 560-4-1.5 | 10p / 50° |
| 6632 | 2 | 85,2 | 29 | 8600 | 560-4-1.5 | 10p / 50° |
| 6633 | 3 | 117,6 | 41 | 8350 | 560-4-1.5 | 10p / 50° |
| 7711 | 1 | 71,5 | 17 | 10100 | 630-4-1.5 | 10p / 40° |
| 7712 | 2 | 125,1 | 31 | 9500 | 630-4-1.5 | 10p / 40° |
| 7713 | 3 | 167,6 | 42 | 8800 | 630-4-1.5 | 10p / 40° |

* For return air temperature of 0 ° C and operating water temperatures of 90/70°C